

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|            |                                                                                                |                   |           |
|------------|------------------------------------------------------------------------------------------------|-------------------|-----------|
| In re:     | Sackellares et al.                                                                             | Confirmation No.: | 3420      |
| Appl. No.: | 10/648,354                                                                                     | Group Art Unit:   | 3735      |
| Filed:     | August 27, 2003                                                                                | Examiner:         | R. Nasser |
| Allowed:   | January 4, 2008                                                                                |                   |           |
| For:       | OPTIMIZATION OF MULTI-DIMENSIONAL<br>TIME SERIES PROCESSING FOR SEIZURE WARNING AND PREDICTION |                   |           |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Amendment, Petition, and Fee to Correct  
and/or Add to Originally Named Inventor(s)  
(37 C.F.R. § 1.48(a) and/or (c))**

1. This amendment and petition is to:

- ☒ correct the incorrect original naming of inventor(s) under 37 C.F.R. § 1.48(a) and/or
- ☐ add inventor(s) for subject matter disclosed in the application, but previously unclaimed under 37 C.F.R. § 1.48(c).

2. Addition and/or Deletion of Inventor(s)

- ☒ Add the following previously unnamed person(s) as inventor(s) of this application:  
Wanpracha A. Chaovalitwongse and Panos M. Pardalos
- ☐ Delete the following previously incorrectly named inventor(s):

3. Attachments

- (a) a statement of inventorship by the added or deleted inventor(s) that the error in inventorship was made without deceptive intention on the part of the added or deleted inventor(s).
- (b) a new declaration of all inventors as required by 37 C.F.R. § 1.63.
- (c) written assent of the assignee (if applicable).

In re: Sackellares, et al.  
Appl. No.: 10/648,354  
Filed: August 27, 2003  
Page 2

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4. Fee (37 C.F.R. § 1.17(i))

The fee required is paid as follows:

- ☐ Enclosed is a check for \$130.00.
- ☒ Charge the Petition Fee to Deposit Account No. 16-0605
- ☒ Authorization to charge the Petition Fee to Deposit Account No. 16-0605 was given during electronic filing.
- ☒ Charge Deposit Account No. 16-0605 for any fee deficiency.

Respectfully submitted,

/Dane A. Baltich/

Dane A. Baltich  
Registration No. 55,274

**CUSTOMER No. 00826**  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Atlanta Office (404) 881-7000  
Fax Atlanta Office (404) 881-7777

**ELECTRONICALLY FILED USING THE EFS-WEB ELECTRONIC FILING SYSTEM OF THE UNITED STATES PATENT & TRADEMARK OFFICE ON April 23, 2008.**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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|------------|------------------------------------------------------------------------------------------------|-------------------|-----------|
| In re:     | Sackellares et al.                                                                             | Confirmation No.: | 3420      |
| Appl. No.: | 10/648,354                                                                                     | Group Art Unit:   | 3735      |
| Filed:     | August 27, 2004                                                                                | Examiner:         | R. Nasser |
| For:       | OPTIMIZATION OF MULTI-DIMENSIONAL<br>TIME SERIES PROCESSING FOR SEIZURE WARNING AND PREDICTION |                   |           |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT OF LACK OF DECEPTIVE INTENT UNDER 37 CFR 1.48(a)**

I, Wanpracha A. Chaovalitwongse, declare that:

1. I am an inventor of the invention disclosed in the above-identified patent application.
2. Due to an error, my name was not included as an inventor when the application was filed.
3. Error in the exclusion of my name on the above-identified patent application was made without any deceptive intent on my part.

Signature: \_\_\_\_\_

Wanpracha A. Chaovalitwongse

Date: \_\_\_\_\_

04/22/2008



Patent  
Attorney's Docket No. 028724-142

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                                                                                  |   |                            |
|--------------------------------------------------------------------------------------------------|---|----------------------------|
| In re Patent Application of                                                                      | ) |                            |
| James Chris SACKELLARES et al.                                                                   | ) | Group Art Unit: 3736       |
| Application No.: 10/648,354                                                                      | ) | Examiner: Robert L. Nasser |
| Filed: August 27, 2003                                                                           | ) | Confirmation No.: 3420     |
| For: OPTIMIZATION OF MULTI-DIMENSIONAL TIME SERIES PROCESSING FOR SEIZURE WARNING AND PREDICTION | ) |                            |

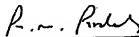
STATEMENT OF ADDED INVENTORS UNDER 37 C.F.R. § 1.48(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, hereby state that I am being added as an inventor to the above-captioned application and that the error in inventorship occurred without deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and believe are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
\_\_\_\_\_  
Panos M. Pardalos

\_\_\_\_\_  
Wanpracha A. Chaovalitwongse



Attorney Docket No. 028724-142

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY OR DESIGN PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTIMIZATION OF MULTI-DIMENSIONAL TIME SERIES PROCESSING FOR  
SEIZURE WARNING AND PREDICTION**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☒ was filed as United States Patent application Number 10/648,354  
on August 27, 2003 and was amended on \_\_\_\_\_ (if  
applicable).
- ☐ was filed as PCT International application Number \_\_\_\_\_  
on \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119 (a)-(d), 172 or 365(a) of any foreign application(s) for patent or inventor's certificate or of any international (PCT) application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international (PCT) application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

| PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §§119(a)-(d), 172 or 365(a): |                    |                                |                                                             |    |
|-------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------------------------------------------------|----|
| COUNTRY<br>(if PCT, indicate "PCT")                                                                   | APPLICATION NUMBER | DATE OF FILING<br>(MM/DD/YYYY) | PRIORITY CLAIMED<br>UNDER 35 U.S.C.<br>§§119, 172 OR 365(a) |    |
|                                                                                                       |                    |                                | Yes                                                         | No |
|                                                                                                       |                    |                                |                                                             |    |
|                                                                                                       |                    |                                |                                                             |    |
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|                                                                                                       |                    |                                |                                                             |    |
|                                                                                                       |                    |                                |                                                             |    |
|                                                                                                       |                    |                                |                                                             |    |

**Buchanan Ingersoll PC**

ATTORNEYS

Including attorneys from Bureau Dwayne Switzer & Blalock

(8/05)



Combined Declaration and Power of Attorney  
For Utility or Design Patent Application  
Attorney Docket No. 028724-142  
Page 2 of 3

I hereby appoint the attorneys and agents associated with the following PTO Customer Number of Buchanan Ingersoll PC (including attorneys from Burns, Doane, Swecker & Mathis) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and transact all business in connection with international applications directed to said invention:

Customer Number 21839

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|                                     |                         |
|-------------------------------------|-------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR | James Chris Sackellares |
| Signature                           |                         |
| Date                                | 3/6/06                  |
| Residence (City, State, Country)    | Gainesville, FL         |
| Citizenship                         | U.S.A.                  |
| Mailing Address                     | 9841 SW 55th Road       |
| City, State, ZIP, Country           | Gainesville, FL 32608   |
| FULL NAME SECOND INVENTOR, IF ANY   | Leonidas D. Iasemidis   |
| Signature                           |                         |
| Date                                |                         |
| Residence (City, State, Country)    |                         |
| Citizenship                         | U.S.A.                  |
| Mailing Address                     | 9977 East Jenan Dr.     |
| City, State, ZIP, Country           | Scottsdale, AZ 85260    |
| FULL NAME OF THIRD INVENTOR, IF ANY | Deng-Shan Shiao         |
| Signature                           |                         |
| Date                                |                         |
| Residence (City, State, Country)    | Gainesville, FL         |
| Citizenship                         | Taiwan                  |
| Mailing Address                     | 8118 SW 51st Blvd.      |
| City, State, ZIP, Country           | Gainesville, FL 32608   |

Buchanan Ingersoll PC

Attorneys at Law, Patent Invention, Acquisition & Valuation



Combined Declaration and Power of Attorney  
For Utility or Design Patent Application  
Attorney Docket No. 028724-142  
Page 2 of 3

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|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR | James Chris Sackellares                 |
| Signature                           |                                         |
| Date                                |                                         |
| Residence (City, State, Country)    | Gainesville, FL                         |
| Citizenship                         | U.S.A.                                  |
| Mailing Address                     | 9841 SW 55 <sup>th</sup> Road           |
| City, State, ZIP, Country           | Gainesville, FL 32608                   |
| FULL NAME SECOND INVENTOR, IF ANY   | Leonidas D. Iasemidis                   |
| Signature                           | <i>Leonidas D. Iasemidis</i>            |
| Date                                | 01-25-06                                |
| Residence (City, State, Country)    |                                         |
| Citizenship                         | U.S.A.                                  |
| Mailing Address                     | 9977 East Jensen Dr. 3380 E. Sutton Dr. |
| City, State, ZIP, Country           | Scottsdale, AZ 85260                    |
| FULL NAME OF THIRD INVENTOR, IF ANY | Deng-Shan Shiau                         |
| Signature                           |                                         |
| Date                                |                                         |
| Residence (City, State, Country)    | Gainesville, FL                         |
| Citizenship                         | Taiwan                                  |
| Mailing Address                     | 8118 SW 51 <sup>st</sup> Blvd.          |
| City, State, ZIP, Country           | Gainesville, FL 32608                   |

Buchanan Ingersoll PC

ATTORNEYS

Including attorneys from Burns Doane Swecker & Malhis



Combined Declaration and Power of Attorney  
For Utility or Design Patent Application  
Attorney Docket No. 026724-142  
Page 2 of 3

I hereby appoint the attorneys and agents, associated with the following PTO Customer Number of Buchanan Ingersoll PC (including attorneys from Burns, Doane, Swecker & Mathis) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and transact all business in connection with international applications directed to said invention:

Customer Number 21839

I hereby declare that all statements made herein of my own knowledge are true and that all statements made of information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

|                                     |                                |
|-------------------------------------|--------------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR | James Chris Sackellares        |
| Signature                           |                                |
| Date                                |                                |
| Residence (City, State, Country)    | Gainesville, FL                |
| Citizenship                         | U.S.A.                         |
| Mailing Address                     | 9841 SW 55 <sup>th</sup> Road  |
| City, State, ZIP, Country           | Gainesville, FL 32608          |
| FULL NAME SECOND INVENTOR, IF ANY   | Leonidas D. Iasemidis          |
| Signature                           |                                |
| Date                                |                                |
| Residence (City, State, Country)    |                                |
| Citizenship                         | U.S.A.                         |
| Mailing Address                     | 9977 East Jenan Dr.            |
| City, State, ZIP, Country           | Scottsdale, AZ 85260           |
| FULL NAME OF THIRD INVENTOR, IF ANY | Deng-Shan Shiao                |
| Signature                           | <i>Deng-Shan Shiao</i>         |
| Date                                | 01/19/06                       |
| Residence (City, State, Country)    | Gainesville, FL                |
| Citizenship                         | Taiwan                         |
| Mailing Address                     | 8118 SW 51 <sup>st</sup> Blvd. |
| City, State, ZIP, Country           | Gainesville, FL 32608          |

Buchanan Ingersoll PC

Attorneys at Law  
Burns, Doane, Swecker & Mathis







Combined Declaration and Power of Attorney  
For Utility or Design Patent Application  
Attorney Docket No. 028724-142  
Page 3 of 3

|                                             |                                 |
|---------------------------------------------|---------------------------------|
| <b>FULL NAME OF FOURTH INVENTOR, IF ANY</b> | Linda Dance                     |
| Signature                                   |                                 |
| Date                                        |                                 |
| Residence (City, State, Country)            | Gainesville, FL                 |
| Citizenship                                 | U.S.A.                          |
| Mailing Address                             | 6225 NW 14 <sup>th</sup> Place  |
| City, State, ZIP, Country                   | Gainesville, FL 32608           |
| <b>FULL NAME OF FIFTH INVENTOR, IF ANY</b>  | Fanos M. Pardalos               |
| Signature <i>Fanos M. Pardalos</i>          |                                 |
| Date                                        |                                 |
| Residence (City, State, Country)            | Gainesville, FL                 |
| Citizenship                                 | U.S.A.                          |
| Mailing Address                             | 1922 NW 14 <sup>th</sup> Avenue |
| City, State, ZIP, Country                   | Gainesville, FL 32605           |
| <b>FULL NAME OF SIXTH INVENTOR, IF ANY</b>  | Vanprache A. Chaovattwongse     |
| Signature                                   |                                 |
| Date                                        |                                 |
| Residence (City, State, Country)            | Hillsborough, NJ                |
| Citizenship                                 | Thailand                        |
| Mailing Address                             | 38 Dewitt Lane                  |
| City, State, ZIP, Country                   | Hillsborough, NJ 08844          |

Buchanan Ingersoll PC



Combined Declaration and Power of Attorney  
For Utility or Design Patent Application  
Attorney Docket No. 029734-142  
Page 3 of 3

|                                             |                                    |
|---------------------------------------------|------------------------------------|
| <b>FULL NAME OF FOURTH INVENTOR, IF ANY</b> | Linda Dance                        |
| Signature                                   |                                    |
| Date                                        |                                    |
| Residence (City, State, Country)            | Gainesville, FL                    |
| Citizenship                                 | U.S.A.                             |
| Mailing Address                             | 9225 NW 14 <sup>th</sup> Place     |
| City, State, ZIP, Country                   | Gainesville, FL 32606              |
| <b>FULL NAME OF FIFTH INVENTOR, IF ANY</b>  | Panos M. Pardalos                  |
| Signature                                   |                                    |
| Date                                        |                                    |
| Residence (City, State, Country)            | Gainesville, FL                    |
| Citizenship                                 | U.S.A.                             |
| Mailing Address                             | 1922 NW 14 <sup>th</sup> Avenue    |
| City, State, ZIP, Country                   | Gainesville, FL 32606              |
| <b>FULL NAME OF SIXTH INVENTOR, IF ANY</b>  | Wanpracha A. Chaovattwongse        |
| Signature                                   | <i>Wanpracha A. Chaovattwongse</i> |
| Date                                        | 1/17/06                            |
| Residence (City, State, Country)            | Hillsborough, NJ                   |
| Citizenship                                 | Thailand                           |
| Mailing Address                             | 38 Dewitt Lane                     |
| City, State, ZIP, Country                   | Hillsborough, NJ 08844             |

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| In re:     | Sackellares et al.                                                                             | Confirmation No.: | 3420      |
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| Allowed:   | January 4, 2008                                                                                |                   |           |
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSENT OF ASSIGNEE FOR CORRECTION AND/OR  
ADDITION TO ORIGINALLY NAMED INVENTOR(S)  
37 CFR § 1.48(c)(5)**

University of Florida Research Foundation, Inc.  
(name of assignee)

223 Grinter Hall  
Gainesville, Florida 32611  
(Address)

Assignment

☒  
☐

recorded on March 16, 2006 at Reel 017343, Frame 0575  
a copy of the assignment that was sent for recording on \_\_\_\_\_ is enclosed herewith.

Assignee hereby assents to the correction of inventorship filed herewith.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

**UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.**

Signed: 

Name: David L. Day

Title: Director, Technology Licensing

Date: April 22, 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Sackellares et al. Confirmation No.: 3420  
Appl. No.: 10/648,354 Group Art Unit: 3735  
Filed: August 27, 2003 Examiner: R. Nasser  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ASSENT OF ASSIGNEE FOR CORRECTION AND/OR  
ADDITION TO ORIGINALLY NAMED INVENTOR(S)  
37 CFR § 1.48(c)(5)

Arizona Board of Regents  
(name of assignee)

SkySong - Suite 200  
1475 N. Scottsdale Road  
Scottsdale, AZ 85257-3538  
(Address)

Assignment



recorded on March 16, 2006 at Reel, 017343 Frame 0644  
a copy of the assignment that was sent for recording on is enclosed herewith.

Assignee hereby assents to the correction of inventorship filed herewith.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

ARIZONA BOARD OF REGENTS

Name: 

Title: Associate Vice President for Research

Date: April 22, 2008